

Rabbit Dermatopontin Polyclonal Antibody | anti-DPT antibody

Dermatopontin Antibody

CATALOG # AAA323020	HOST Rabbit	REACTIVITY Human, Mouse, Rat	APPLICATIONS Immunohistochemistry, Western Blot
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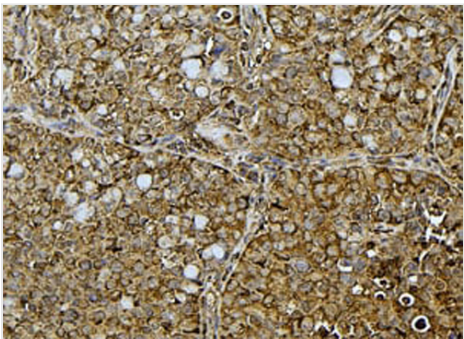
PRODUCT SYNONYMS

Dermatopontin; Polyclonal Antibody; Dermatopontin Antibody; DERM_HUMAN; Dpt; TRAMP; Tyrosine rich acidic matrix protein; Tyrosine-rich acidic matrix protein; anti-DPT antibody

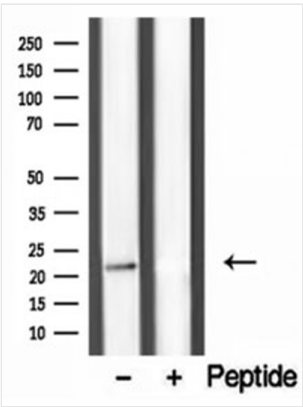
PRODUCT SPECIFICATIONS

Host	Rabbit
Reactivity	Human, Mouse, Rat
Clonality	Polyclonal
Isotype	IgG
Specificity	Dermatopontin antibody detects endogenous levels of Dermatopontin.
Purity/Purification	The antiserum was purified by peptide affinity chromatography using SulfoLink Coupling Resin.
Form/Format	Liquid Phosphate buffered saline, pH 7.4, 150mM NaCl, 0.02% sodium azide and 50% glycerol.
Concentration	1mg/ml (varies by lot)
Sequence Length	201
Applicable Applications for anti-DPT antibody	IHC (Immunohistochemistry), WB (Western Blot)
Immunogen	A synthesized peptide derived from human Dermatopontin, corresponding to a region within the internal amino acids.
Conjugation	Unconjugated
Important	For western blot, incubate membrane with diluted primary Ab in 5% w/v milk , 1X TBS, 0.1% Tween@20 at 4°C with gentle shaking, overnight.
Preparation and Storage	Store at -20 degree C. Stable for 12 months from date of receipt.

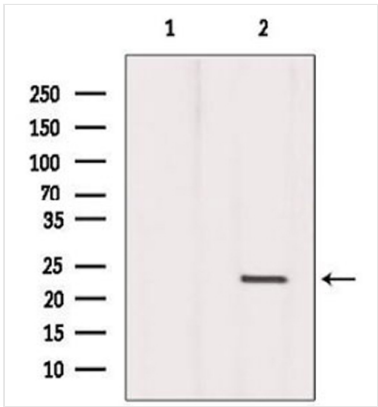
IMAGES



IHC (Immunohistochemistry)
AAA323020 at 1/100 staining Human pancreas tissue by IHC-P. The sample was formaldehyde fixed and a heat mediated antigen retrieval step in citrate buffer was performed. The sample was then blocked and incubated with the antibody for 1.5 hours at 22 degree C. An HRP conjugated goat anti-rabbit antibody was used as the secondary.



WB (Western Blot)
Western Blot analysis of extracts from rat skin tissue, using Dermato pontin antibody.



WB (Western Blot)
Western Blot analysis of extracts from Mouse liver, using Dermato pontin Antibody. Lane 1 was treated with the blocking peptide.

ADDITIONAL INFORMATION

Related Product Information for anti-DPT antibody	Function:	Seems to mediate adhesion by cell surface integrin binding. May serve as a communication link between the dermal fibroblast cell surface and its extracellular matrix environment. Enhances TGFB1 activity. Inhibits cell proliferation. Accelerates collagen fibril formation, and stabilizes collagen fibrils against low-temperature dissociation (By similarity).
	Subunit Structure:	Interacts with TGFB1, DCN and collagen.
	Post-translational Modifications:	Sulfated on tyrosine residue(s).
	Similarity:	Belongs to the dermatopontin family.

NCBI AND UNIPROT INFORMATION

NCBI GI #	32307172
NCBI GeneID	1805
NCBI Accession #	NP_001928.2
NCBI GenBank Nucleotide #	NM_001937.4
UniProt Accession #	Q07507; Q8N4R2; Q9UIX8; A8K981
Molecular Weight	22 kDa
NCBI Official Full Name	dermatopontin
NCBI Official Synonym Full Names	dermatopontin

NCBI Official Symbol	DPT
NCBI Official Synonym Symbols	TRAMP
NCBI Protein Information	dermatopontin
UniProt Protein Name	Dermatopontin
UniProt Gene Name	DPT
UniProt Synonym Gene Names	TRAMP

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: <https://stage.aaabiotech.com/polyclonal/dermatopontin-antibody-immunohistochemistry-western-blot-elisa/323020>